

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) _____ are:

- A. _____ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

_____ Color drawings are not acceptable until petition is granted. Fig(s) _____

_____ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

_____ 1 full-tone set is required. Fig(s) _____

_____ Photographs may not be mounted. 37 CFR 1.84(e)

_____ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____

_____ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

_____ Paper not flexible, strong, white, and durable.

_____ Fig(s) _____

_____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

_____ Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6cm by 27.9cm (8 1/2x 11 inches)

_____ All drawing sheets not the same size.

_____ Sheet(s) _____

_____ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) 11-16

☒ Top (T) ☒ Left (L) 1 and 2

☒ Right (R) ☒ Bottom (B) 17-19

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

_____ Views not labeled separately or properly.

_____ Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

_____ Sectional designation should be noted with

_____ Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

_____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

_____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

_____ Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-44

11. SHADING. 37 CFR 1.84(m)

_____ Solid black areas pale. Fig(s) _____

_____ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

_____ Numbers and reference characters not plain and legible. Fig(s) _____

_____ Figure legends are poor. Fig(s) _____

_____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____

_____ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____

_____ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

_____ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

_____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

_____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

_____ Surface shading shown not appropriate.

_____ Fig(s) _____

_____ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Formal drawings are required, including changes approved on 11/22/2002

Reviewer [Signature]

If you have questions, call (703) 305-8404.

Date 11/25/04Attachment to Paper No. 20041201